

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				Atty. Docket No. 13748Z		Serial No. 10/672,484	
				Applicants Roland Contreras, et al.			
				Filing Date September 25, 2003		Group 1633	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE YY-MM-DD	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		1 211 310A1	2002-06-05	EPO				
		WO 02/00879 A2	2002-01-03	PCT				
		WO 91/05057	1991-04-18	PCT				
		WO 96/21038	1996-07-11	PCT				
		0 314 096 A2	1989-05-03	EPO				

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
	Nakayama Ken-ichi et al., "OCH1 encodes a novel membrane bound mannosyltransferase: outer chain elongation of asparagines-linked oligosaccharides", <i>The EMBO Journal</i> 11(7): 2511-2519 (1992)
	Kniskern P. J. et al., "Characterization and evaluation of a recombinant hepatitis B vaccine expressed in yeast defective for N-linked Hyperglycosylation", <i>Vaccine</i> 12(11): 1021-1025 (1994)
	Lehle L. et al., "Glycoprotein biosynthesis in <i>Saccharomyces cerevisiae</i> : <i>ngd29</i> , an N-glycosylation mutant allelic to <i>och1</i> having a defect in the initiation of outer chain formation", <i>FEBS Letters</i> 370: 41-45 (1995)
	Yoko-o T. et al., " <i>Schizosaccharomyces pombe och1</i> ⁺ encodes α -1, 6-mannosyltransferase that is involved in outer chain elongation of N-linked oligosaccharides", <i>FEBS Letters</i> 489: 75-80 (2001)
	Cregg J. M. et al., "High-Level Expression And Efficient Assembly Of Hepatitis B Surface Antigen In The Methylophilic Yeast, <i>Pichia Pastoris</i> ", <i>Biotechnology</i> 5: 479-485 (1987)

EXAMINER	DATE CONSIDERED
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* EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	Lai A. et al., "Substrate specificities of recombinant murine Golgi α 1,2-mannosidases IA and IB and comparison with endoplasmic reticulum and Golgi processing α 1,2-mannosidases", <i>Glycobiology</i> 8(10): 981-995 (1998)
	Tremblay L. O. et al., "Cloning and expression of a specific human α 1,2-mannosidase that trims Man ₉ GlcNAc ₂ to Man ₈ GlcNAc ₂ isomer B during N-glycan biosynthesis", <i>Glycobiology</i> 9(10): 1073-1078 (1999)
	Gonzalez D. S. et al., "Identification, Expression, and Characterization of a cDNA Encoding Human Endoplasmic Reticulum Mannosidase I, the Enzyme That Catalyzes the First Mannose Trimming Step in Mammalian Asn-linked Oligosaccharide Biosynthesis", <i>The Journal of Biological Chemistry</i> 274(30): 21375-21386 (1999)
	Callewaert N. et al., "Use of HDEL-tagged <i>Trichoderma reesei</i> mannosyl oligosaccharide α 1,2- α -D-mannosidase for N-glycan engineering in <i>Pichia pastoris</i> ", <i>FEBS Letters</i> 503: 173-178 (2001)

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